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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III-SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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CALCUTTA, 25TH JANUARY 1997

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Bose Road, Calcutta-700 020.

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पेटेंट कार्यालय

एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 25 जनवरी 1997

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार ज्ञान के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी हस्टेट,
तीसरा तल, लोअर परले (प.),
बम्बई-400 013.

गुजरात, महाराष्ट्र तथा मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्री एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600 002.

आन्ध्र प्रदेश, कर्नाटक, केरल तमिलनाडू
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनीकाय
तथा एमिनिदिवि द्वीप ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपीक्षित सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
अक आदेश या जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा
चैक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD,
CALCUTTA-20.

The dates shown in the crecent bracket are the dated claimed
under section 135, of the Patent Act, 1970.

07-10-1996.

1758/Cal/96. Samsung Electronics Co. Ltd., "Automatic ice
production apparatus" (Convention No. 95-
47714 on 08-12-1995 in Korea).

1759/Cal/96. Hudson Products Corporation. "Passive cool-
in? of enclosures using heat pipes" (Convention
No. 08/563,872 on 28-11-95 in U.S.A.).

1760/Cal/96. Harnischfeger Corporation, "Improved rigging
assembly for an excavating bucket" (Convention
No. 08/563,010 on 24-11-95 in U.S.A.).

1761/Cal/96. Storck Brahmant B.V. "A cleaning device for use
in cleaning a paste supply system of a rotary
screenprinting machine" (Convention No.
1001398 on 11-10-1995 in the Netherlands).

1762/Cal/96. Samsung Electronics Co.. Ltd.. "Optical disc
player". (Convention No. 96-12408 on 23-04-96
in Republic of Korea),

1763/Cal/96. Glenayre Electronics, Inc., "A demodulator
and modem incorporating the demodulator".
Divided out of appln. no. 11/Cal/93 antdated to
05-01-1993).

1764/Cal/96. Eli Lilly and Company, "Methods of Inhibit-
ing Plasminogen Activator Inhibitor (1) ((Conven-
tion No. 60/005,015 on 10th October, 1995 in
U.S.A.).

1765/Cal/96. Eli Lilly and Company, "Lipophilic Benzothio
phenes", (Convention No. 60/005,140 on 12th
October, 1995 in U.S.A.).

1766/Cal/96. Schweitzer Engineering Laboratories, Inc..
"Adaptive polarizing memory voltage time constant"
(Convention No. 08/544,274 on 17-10-95
in U.S.A.).

1767/Cal/96. La-Z-Boy Incorporated., "Glider Chair" (Con-
vention No. 08/633,626 on 17-04-10% in U.S.A.).

1768/Cal/96. Siemens Aktiengesellschaft. "Method for gener-
ating energy and power plant installation for carry-
ing out the method" (Convention No.
19538670.1 on 17-10-95 in Germany),

1769/Cal/96. Siemens Aktiengesellschaft., "Method and
device for solar steam generation". (Convention
No. 19538672.8 on 17-10-95 in Germany).

- 17.70/Cal/96. Siemens Aktiengesellschaft., "Method and device for solar steam generation" (Convention No. 19538673.6 on 17-10-95 in Germany).
- 1771/Cal/96. Windmoller & Holscher, "Device for transferring slips of paper from a first rotationally-driven cylinder to a second rotatoinally-driven cylinder". (Convention No. 19540616.8 on 31-10-95; 19546802.3 on 14-12-95 & 19621586.2 On 29-05-96 in Germany).
- 1772/Cal/96. Keiper recaro GMBH & Co. "Adjusting and fixing device for seats like automobile seats in particular for the adjustment of the buck rest" (Convention No. 19548809.1 on 27-12-95 in Germany).

08-10-96.

- 1773/Cal/96. Ram Nagina Rai, "Solar water heater assembly"
- 1774/Cal/96. E.I. DU PONT DE NEMOURS AND COMPANY, "Process and apparatus for knitting fabric with non clastic yarn and bare elastomeric yarn and sweater knit fabric construction" (Convention No. 60,005,220 on 12-10-95; 08,561,307 on 21-11-95 & 60,015,065 on 9-4-96 in U.S.A.).

- 1775/Cal/96. (1) Hisao ITO (2) Yoshitomi MURATA "Method of preventing unfair use of a magnetic recording medium and magnetic reader/writer employing the method" (Convention No. 168707/1996 on 10th June, 1996 in Japan).

- 1776/Cal/96. (1) Commonwealth Scientific and Industrial Research Organisation, and (2) AGL Consultancy Pty. Ltd., "Digital speed determination in ultrasonic flow measurements" (Convention No. PN 6060 on 19-10-95 in Australia).

- 1777/Cal/96. Neste Oy., "Production of light olefins".

09-10-1996

- 1778/Cal/96. (1) Dr. Upendra Kumar Singh, (2) Dr. Ramesh Chandra Mishra., "Steel fiber making machine".
- 1779/Cal/96. Mrs. Dipa Ghosh & Mr. Sandip Ghosh., "An improved clutch lock".
- 1780/Cal/96 : Philip Electronics N.V., "Method of plating through holes of a printed circuit board" (Convention No. 9520887.2 on 12th October, 1995 in U.K.).

APPLICATION FOR PATENTS FILED AT
THE PATENT OFFICE BRANCH
61, WALLAJAH ROAD, MADRAS-600 002.

10th June, 1996.

- 1005/Mas/96. K. R. Chakravarthy. Improvement in or relating to instrumentation for measuring instantaneous fuel consumption in an automobile.
- 1006/Mas/96. Kabushiki Kaisha Kobe Seiko Sho. Method of making metallic iron. (March 15, 1996; Japan).
- 1007/Mas/96. NEC Corporation. (June 13, 1995; Japan).
- 1008/Mas/96 Sumitomo Metal mining Company Limited. Hydrotreating catalyst : composition, preparation and use thereof. (June 8, 1995; Japan).
- 1009/Mas/96. BASF Aktiengesellschaft. Coated fertilizer granules.
- 1010/Mas/96. Maschinenfabrik Rieter AG. Adjustable web guide. (July 2, 1995, Switzerland).
- 1011/Mas/96. Maschinenfabrik Rieter AG. Combing machine. (July 26, 1995; Switzerland),

- 1012/Mas/96. Maschinenfabrik Rieter AG. Apparatus for holding stripper burs in a combing machine, in contact with two detaching rolls. (July 26, 1995; Switzerland).

- 1013/Mas/96. Granzotto. Electronic stethoscope.

- 1014/Mas/96. Shell International Research Maatschappij BV.. Catalyst and process for the preparation of hydrocarbons.

- 1015/Mas/96. F L Smidth & Co. A/S. Ring roller mill.

- 1016/Mas/96. Mitsubishi Jukogyo Kabushiki Kaisha. Steam generator.

- 1017/Mas/96. Henko Corporation. Iodine complex of alkyl polyglycosides.

- 1018/Mas/96. NE Products OY. Method for transmitting information and relating; to a call, and terminal equipment. (June 13, 1995; Finland).

- 1019/Mas/96. Enichem S.p.A.. Integrated process for the production of butene-1. (June 30, 1995; Italy).

- 1020/Mas/96. Ajinomoto Co., Inc., Process for purifying valine, (June 12 1996; Japan).

11th June, 1996.

- 1021/Mas/96. Toshiba Kikai Kabushiki Kaisha. Control values setting apparatus for process controller.

- 1022/Mas/96. Fabio Perini S.p.A. Device for cleaning a cylinder of a printing press and press containing said device. (June 19, 1995; Italy).

- 1023/Mas/96. Robert Bosch GMBH. Two-stroke engine.

- 1024/Mas/96. Robert Bosch GMBH. Fuel pump.

- 1025/Mas/96. A. K. Technical Laboratory, Inc., Method of removing volatile matters from vent arrangement. (June 13, 1995; Japan).

- 1026/Mas/96. Mitsubishi Jukogyo Kabushiki Kaisha. Vaporizing apparatus of LNG as fuel for a natural gas firing gas turbine combined cycle power station. (June 23, 1995; Japan).

- 1027/Mas/96. FCB. Vibrating cone crusher. (June 13, 1995; France).

- 1028/Mas/96. Jobs Ulrich Gellert. Injection molding nozzle with pressed in heating element and integral collar portion. (June 26, 1995; Canada).

- 1029/Mas/96. NEC Corporation. Infrared spatial communication system capable of reducing a processing amount data communication devices during communication. (June 14, 1995; Japan).

- 1030/Mas/96. Bracco Research S.A. Blood-pool imaging compositions use and method.

12th June, 1996.

- 1031/Mas/96. Lucas Industries Public Limited Company. Clamping device for a vehicle brake and method for operating a vehicle brake.

- 1032/Mas/96. S. N. Mathur and M. Anwar Basha. A biological toilet tank.

- 1033/Mas/96. NEC Corporation Radio 1 paging receiver capable of providing a large number of announcing modes. (June 21, 1995; Japan).

- 1034/Mas/96. Qualcomm Incorporated. Mobile demodulator architecture for a spread spectrum multiple access communication system.

- 1035/Mas/96. Tanabe Seiyaku Co. Ltd., Napthalene derivatives, processes for the preparation thereof, and intermediates therefor. (June 15, 1995; Japan).

- 1036/Mas/96. Eka Nobel AB. Method for evaporating process wastewater. (June 16, 1995; Sweden).

- 1037/Mas/96. DSM N.V., Mat powder coating. (June 16, 1995; Netherlands).

- 1038/Mas/96. Novo Nordisk A/S. 4-substituted-phenyl-boric acids as enzyme stabilizers (June 13, 1995; Denmark).
- 1039/Mas/96. Wagner Electric Corporation. Friction brake-subassembly. (June 26, 1995; U.S.A.).
- 1040/Mas/96. Akzo nobel NV. Novel peptides for use in treatment of T-cell mediated cartilage destruction in autoimmune diseases.
- 1041/Mas/96. Maschinenfabrik Rieter AG. Machine for winding slivers for lap winding. (September 4, 1995; Switzerland).
- 1042/Mas/96. The BOC Group plc. Medical devices. (June 20, 1995; Great Britain).
- 1043/Mas/96. Solaic. A method and an installation for making holes in the insulating film of a support strip for electronics card modules.
- 1044/Mas/96. Solaic. A method of Implanting an electronic element, in particular a microcircuit, in an electronic card body, and an electronic card body including an electronic element thus implanted.
- 1045/Mas/96. Solaic. A method of fixing a module to a card body, and an electronics card including a module.
- 1046/Mas/96. Solaic. A memory card and a method for making more reliable a request for access to an application.

13th June, 1996

- 1047/Mas/96. SMS Schloemann-Siemag Aktiengesellschaft. Grinding; machine. (July 19, 1995; Germany).
- 1048/Mas/96. Sue A. Griffin. Programmable termination strip for electric motor.
- 1049/Mas/96. Hoechst Aktiengesellschaft. Amorphous, transparent, UV-stabilized sheet of a crystallizable thermoplastic. (June 19, 1995; Germany).
- 1050/Mas/96. Hoechst Aktiengesellschaft. Stereorigid metal-locene compound. (June 19, 1995; Germany).
- 1051/Mas/96. Daewoo Electronics Co. Ltd. Washing machine. (June 26, 1995; Korea).
- 1052/Mas/96. Daewoo Electronics Co. Ltd., Electronic control timer for a microwave oven. 1 (July 19, 1995; Korea).
- 1053/Mas/96. Daewoo Electronics Co. Ltd. Power supply converting circuit. (July 24, 1995; Korea).

14th June 1996

- 1054/Mas/96. Nokia Mobile Phones Limited. Speech synthesiser. (June 16, 1995; United Kingdom).
- 1055/Mas/96. Cabot Corporation. Elastomeric composition and methods and apparatus for producing same. (April 1, 1996; U.S.A.).
- 1056/Mas/96. Novo Nordisk A/S. A process for producing trypsin (Trypsinogen). (June 16, 1995; Denmark).
- 1057/Mas/96. International Mobile Satellite Organisation. Communication method and apparatus using data compression. (June 16, 1995; Great Britain).

17th June 1996

- 1058/Mas/96. International Business Machine Corporation. Systems Interconnected by bumps of joining material.
- 1059/Mas/96. Hoechst Aktiengesellschaft. Transition metal compound. (June 21, 1995; Germany).
- 1060/Mas/96. Hoechst Aktiengesellschaft. 4-Fluoro-alkyl substituted benzoylguanidines, process for their preparation, their use as a medicament or diagnostic, and medicament containing them (July 19, 1995; Germany).

- 1061/Mas/96. Minnesota Mining and Mfg. Company. Fiber optic connector element. (June 29, 1996; U.S.).
- 1062/Mas/96. Minnesota Mining and Manufacturing Company. Cleave and bevel fiber optic connector. (June 29, 1995; U.S.).
- 1063/Mas/96. Maschinenfabrik Rieter AG. Method and apparatus for operating a waste suction device on a card. (June 19, 1995; Germany).
- 1064/Mas/96. Minnesota Mining and Manufacturing Company. Bare fiber connector. (June 29, 1995; U.S.).
- 1065/Mas/96. AT&T IPM Corp. Protector cartridge for modular connector blocks.

18th June 1996

- 1066/Mas/96. Sandoz Ltd. Benzo [g] quinoline derivatives. (July 7, 1995; Great Britain).
- 1067/Mas/96. Bracco S p A. Pharmaceutical and diet formulations for the prophylaxis and treatment of gastrointestinal disorders. (June 23, 1995; Italy).
- 1068/Mas/96. Zellweger Luwa AG. Method and device for detecting the mass of fibre material in a spinning machine. (July 19, 1995; Switzerland).
- 1069/Mas/96. Medaglia Limited. Polarising panel and method for making same.
- 1070/Mas/96. Honda Giken Kogyo Kubushiki Kaisha. Suspension arm for vehicle.
- 1071/Mas/96. Dynamit Nobel Aktiengesellschaft. Gas generator for airbag systems having a centrifugal force particle separator. (June 22, 1995; Germany).
- 1072/Mas/96. ELF Atochem SA. Synthesis of difluoromethane. (June 27, 1995; France).
- 1073/Mas/96. ELF Atochem SA. Process for the manufacture of difluoromethane. (June 29, 1995; France).
- 1074/Mas/96. Takhim Mohamed. Method of purification by extraction from a liquid medium and use of such a method.

19th June 1996

- 1075/Mas/96. Antony Fernandez. Tamper proof lock.
- 1076/Mas/96. Irdeto BV. Method and apparatus for controlling the operation of a signal decoder in a broadcasting system. (June 23, 1995; South Africa).
- 1077/Mas/96. The Dow Chemical Company. Rigid thermoplastic polyurethane comprising units of butane diol and a polyethylene glycol. (May 3, 1996; United States).
- 1078/Mas/96. Barnag AG. Apparatus for heating an advancing yarn. (June 27, 1995; Germany).
- 1079/Mas/96. Kemira Agro OY. Aqueous fertilizer suspension. (June 22, 1995; Finland).
- 1080/Mas/96. F. Hoffmann-La Roche AG. Novel azepanes and their ring homologues.
- 1081/Mas/96. Akzo Nobel NV. Process for monitoring a moving yarn sheet and apparatus for the execution of this process. (June 24, 1995; Germany).
- 1082/Mas/96. Societe Des Produits Nestle S.A. Enzymatic treatment of cocoa.
- 1083/Mas/96. Zellweger Luwa AG. A method and device for preventing mass fluctuations in fibre material. (July 19, 1995; Switzerland).
- 1084/Mas/96. Vidamed, Inc. Electrosurgical device with trigger actuation assembly and method. (June 19, 1995; U.S.A.).
- 1085/Mas/96. Thirumalai Anandampillai Vijayan. An electric two wheeler.

20th June 1996

- 1086/Mas/96. Dravo Lime Company. Sulfor dioxide scrubbing with production of pure magnesium sulfite product. (October 20, 1995; U.S.A.).
- 1087/Mas/96. Mannesmann Aktiengesellschaft. Arc furnace and method of preventing overheating of the furnace wall.
- 1088/Mas/96. Mannesmann Aktiengesellschaft. Bottom electrode for an arc furnace operated with direct current and a method for operating the furnace.
- 1089/Mas/96. Jude O. Igwemezie. Rail fastening devices. (November 7, 1995; Canada).
- 1090/Mas/96. Maschinenfabrik Rieter AC. Spinning frame with separate drive units for the drawing unit cylinders. (October 11, 1995; Germany).
- 1091/Mas/96. Maschinenfabrik Rieter AG. Spinning frame with Central Drive. (October 11, 1995; Switzerland).
- 1092/Mas/96. Baltimore Aircoil Company, Inc., Sound attenuation assembly for air-cooling apparatus. (October 10, 1995; U.S.A.).
- 1093/Mas/96. Novo Nordisk A/S. Compounds with growth hormone releasing properties. (June 22, 1995; Denmark).
- 1094/Mas/96. Sandoz Ltd. Somatostatin peptides. (June 29, 1995; Great Britain).

21st June 1996

- 1093/Mas/96. S.A.R. Navakodi Allirajan. Knife sharpening device which can be attached to food mixers and food processors.
- 1096/Mas/96. British Telecommunications Public Limited Company. Laser drive circuit.
- 1097/Mas/96. Schreiber Foods, Inc. Method and apparatus for producing shredded cheese.
- 1098/Mas/96. YKK Corporation. 1 Surface fastener. (June 30, 1995; Japan).
- 1099/Mas/96. Maschinenfabrik Rieter IAG. Gear wheel drive for roving machine. (July 7, 1995; Switzerland).
- 1100/Mas/96. Goldtron Telecommunications Pte. Ltd. Battery powered device (July 11, 1995; Singapore).
- 1101/Mas/96. Airproducts & Chemicals, Inc. Low-nox staged combustion device for controlled radiative heating in high temperature furnaces. (September 5, 1995; U.S.A.).
- 1102/Mas/96. Mogaparthi Appa Rao. Vishnugrandhi-firing-technology.
- 1103/Mas/96. Mogaparthi Appa Rao. Vishnugrandhi-mineral-technology.
- 1104/Mas/96. Mogaparthi Appa Rao. Vishnugrandhi-rafts-technology.
- 1105/Mas/96. Mogaparthi Appa Rao. Vishnugrandhi-irrigational-technology.

24th June 1996

- 1106/Mas/96. Rivet Technology (P) Ltd., Self piercing rivets & fastening device—an improved sheet connecting device.
- 1107/Mas/96. S. Seetharaman. Improved paper envelopes.
- 1108/Mas/96. Hoechst Aktiengesellschaft. Process for preparing a carbon-bridged bicyclopentadiene compound. (June 30, 1995; Germany).
- 1109/Mas/96. Minnesota Mining and Mfg. Company. High entrance angle retroreflective article and method of making. (June 29, 1995; U.S.).

- 1110/Mas/96. Minnesota Mining and Mfg. Company. Wet reflective marking material. (June 29, 1995; U.S.).
- 1111/Mas/96. Novo Nordisk A/S. Modification of polypeptides.
- 1112/Mas/96. Novo Nordisk A/S. Modification of polypeptides.
- 1113/Mas/96. Novo Nordisk A/S. Meiosis: regulating compounds. (June 23, 1995; Denmark).
- 1114/Mas/96. Novo Nordisk A/S. Meiosis Regulating compounds. (June 23, 1995; Denmark).
- 1115/Mas/96. Societe Des Produits Nestle S A, Encapsulation process. (June 29, 1995; U.S.A.).

25th June 1996

- 1116/Mas/96. Minnesota Mining and Mfg. Company. Multiple-size optical fibre identifier. (July 10, 1995; U.S.).
- 1117/Mas/96. Minnesota Mining and Mfg. Company. Modular Damper. (July 21, 1995; U.S.).
- 1118/Mas/96. Knoll Aktiengesellschaft. Therapeutic agents. (July 1, 1995; Great Britain).
- 1119/Mas/96. Hoogovens Stall BV. Die for use in die-necking of a metal can body and method using such a die.
- 1120/Mas/96. Globalstar L. P. Satellite communications system having user RF exposure monitoring and control. (July 13, 1995; U.S.A.).
- 1121/Mas/96. Novo Nordisk A/S. A cellulase with reduced mobility. (June 28, 1995; Denmark).
- 1122/Mas/96. Optatech OY. Manufacturing of 2, 6-dimethylnaphtalene. (July 5, 1995; Finland).
- 1123/Mas/96. P. V. Chandramohan. Cen-lading system which is used to improve productivity of dredging by increasing solid content inside the hopper.

26th June 1996

- 1124/Mas/96. Lonza Ltd. Process for the preparation of optically active l(p-methoxy-benzyl)-1,2,3,4,5,6,7, 8-octahydroisquinoline. (July 11, 1995; Swiss).
- 1125/Mas/96. F. Hoffmann-La Roche AG. Pyrimidine nucleoside derivatives. (July 13, 1995; G. Britain.).
- 1126/Mas/96. F. Hoffmann-La Roche AG. Pyrimidine nucleoside derivatives. (July 13, 1995; Great Britain).
- 1127/Mas/96. Revolon Consumer Products Corporation. Glossy transfer resistant cosmetic compositions. (June 26, 1995; United States).
- 1128/Mas/96. Kimberley Vere Sadleir. Pneumatic valve. (June 26, 1995; Australia).
- 1129/Mas/96. Kimberley Vere Sadleir Multiple crankshaft IC engine. (June 26, 1995; Australia).
- 1130/Mas/96. Kimberley Vere Sadleir, Solar battery. (June 26, 1995; Australia).

27th June 1996

- 1131/Mas/96. Ravindra Kumar Agarwal, An improved process for extracting a chemical compound.
- 1132/Mas/96. Kimberly-Clark Corporation. 1 nonwoven and film corrugated laminates. (June 30, 1995; U.S.A.).
- 1133/Mas/96. Kimberly Clark Corporation Bulked fabric film laminate. (June 30, 1995; U.S.A.).
- 1134/Mas/96. Kimberly-Clark Corporation. Water-degradable multicomponent fibers and nonwovens. (June 30, 1995; U.S.A.).
- 1135/Mas/96. Kimberly-Clark Corporation. Creased nonwoven web with stretch and recovery. (June 30, 1995; U.S.A.).

1136/Mas/96. Henkel Kommanditgesellschaft auf Aktien. Process for preparing sugar surfactant granules. (My 10, 1995; Germany).

1137/Mas/96. Ahlstrom Alcoro Ltd. Method of contracting a multi-grade paperboard tube.

1138/Mas/96. Hoechst Aktiengesellschaft. Polymeric electrolytes and process for their preparation. (July 27, 1995; Germany).

1139/Mas/96. Rieter Ingolstadt Spinnereimaschinenbau AG. Method for connecting a vacuum duct to a vacuum conduit and textile machine. (July 22, 1995; Germany).

1140/Mas/96. Rieter Ingolstadt. Spinnereimaschinenbau AG. Manual suck off device for machine cleaning. (July 31, 1995; Germany).

28th Juno 1996

1141/Mas/96. YKK Corporation. Sheet fastener for sheet-like article (July 10, 1995; Japan).

1142/Mas/96. Hoechst Aktiengesellschaft. Substituted Benzoylguanidines, a process for their preparation, their use as medicament or diagnostic agent, and medicament comprising them.

1143/Mas/96. Cummins Engine Company, Inc. High pressure fuel line connection. (June 30, 1995; U.S.A.).

1144/Mas/96. DSM N. V. Elestromeric copolymer (June 29, 1995; The Netherlands).

1145/Mas/96. Novo Nordisk A/s. A process for making cheese. (June 30, 1995; Denmark).

1146/Mas/96. Minnesota Mining and Manufacturing Company. Optical panel capable of switching between reflective and transmissive states.

1st July 1996

1147/Mas/96. S.A.R. Navakodi Allerajan. Refrigerator with cool air outlet and inlet opening with valve and outer attachable units that works as a part of refrigerator.

1148/Mas/96. D.S. Industrial Corporation Private limited. An apparatus for reclamation of transformer oil.

1149/Mas/96. Dr. Roddy's Research Foundation. Novel podophyllotoxin analogues and their derivatives as anti-cancer and anti-viral agents and processes for their preparation.

1150/Mas/96. Dr. Reddy's Research Foundation. Novel heterocyclic compounds; Process for their preparation & pharmaceutical compositions containing them and their use in the treatment of diabetes & related diseases.

1151/Mas/96. Novo Nordisk A/S. Pharmaceutical formulation.

1152/Mas/96. Novo Nordisk A/S. Pharmaceutical formulation.

1153/Mas/96. AT&T Corp. Circuits, systems and methods for providing resource allocation in a communication system.

1154/Mas/96. Teratech Corporation. Portable ultrasound imaging system. (Juno 29, 1995; U.S.A.).

1155/Mas/96. Maschinenfabrik Reiter AG. Spinning frame with separate drive units for the drawing unit cylinders. (October 11, 1995; Germany).

1156/Mas/96. Maschinenfabrik Rieter AG. Ring spinning frame with a cleaning blade for the traveller. (August 21, 1995; Germany).

1157/Mas/96. Millennium Pharmaceuticals Inc. Compositions for the treatment and diagnosis of body weight disorders, including obesity.

1158/Mas/96. Guala S p A. Security closure for bottles for valuable liquors. (July 6, 1995; Italy).

2nd July 1996

H59/Mas/96. Southern Petrochemical Industries Corporation Limited. Biotreatment of phenolic effluents.

1160/Mas/96. F. Hoffmann-La Roche AG. Pyrimidine nucleosides. (August 4, 1995; Great Britain).

1161/Mas/96. F.L. Smidth & Co. A/S. Apparatus and method for producing clinker from a hydrous slurry of raw materials.

1162/Mas/96. Daewoo Electronics Co, Ltd. Rear Projection Screen. (July 5, 1995; Korea).

1163/Mas/96. Harrier Technologies, Inc. Improvements in deep well pumping apparatus. (July 5, 1995; U.S.).

1164/Mas/96. Zimmermann & Jansen GMBH. Pouring ladle valve.

3rd July 1996

1165/Mas/96. Sukumaran Kaniparampil Vijayan. Fuel-less prime mover-that the device will rotate itself without the help of any fuel of external force and will generate force for any other and use.

1166/Mas/96. P.B. Mathur. pH based drugs for healing chronic diseases.

1167/Mas/96. Akzo Nobel N V. Diphenylmethylene pipe ridine derivatives.

1168/Mas/96. Kvaerner Engineering A.S. Heat treatment of carbon materials. (July 7, 1995; Norway).

1169/Mas/96. Kvaerner Engineering A.S. Heat treatment of carbon materials. (July 7, 1995; Norway).

1170/Mas/96. Babcock Lantjes Kraftwerkstechnik GmbH. Method of burning coal with less than 10% volatiles.

1171/Mas/96. Saint-Gobain/Norton Industrial Ceramics Corporation. Improved Sol-Gel Alumina Abrasives.

1172/Mas/96. Sandoz Ltd., Macrolides. (July 4, 1995; Great Britain).

1173/Mas/96. AST Research Inc. Refresh strategy for drums. (September 14, 1995; U.S.).

1174/Mas/96. AST Research Inc. Method and apparatus for reducing latency time or an interface by overlapping transmitted packets. (March 1, 1996; U.S.).

1175/Mas/96. AST Research Inc. Method and apparatus for enhancing performance of a processor (March 1, 1996; U.S.).

4th July 1996

1176/Mas/96. Southern Petrochemical Industries Corporation Ltd. Biotreatment process for industrial wastewaters containing terephthalic acid, and other sparingly soluble aromatic acids with acetic acid.

1177/Mas/96. Southern Petrochemical Industries Corporation Ltd. Process for the coating of urea frills to improve nitrogen efficiency,

1178/Mas/96. Remote metering System Ltd. Current shunt. (July 3, 1995; Great Britain).

1179/Mas/96. Reel S.r.L. Method and unit for controlling the synchronization of complex machines in case of electric power failure. (July 5, 1995; Italy).

1180/Mas/96. Idemitsu Kosan Co., Ltd. A refrigerator oil and process for lubrication using the refrigerator oil. (July 10, 1995; Japan).

- 1181/MAS/96 Schneider Electric SA. Contactor/circuit breaker type switch device.
- 1182/MAS/96 Ciba-Geigy AG. Pyrrolopyrimidines and processes for the preparation thereof. (July 6, 1995; Switzerland).
- 1183/MAS/96 CPC International Inc. Swollen starches as paper making additives.

5th July 1996

- 1184/MAS/96 N. Elanchezhian. Natural screen equipments.
- 1185/MAS/96 Energy bio Systems Corporation. Method of desulfurization or fossil fuel with flavoprotein. (December 5, 1995; P.C.T.).
- 1186/MAS/96 ASK Corporation. Calcium silicate board and method of manufacturing same.
- 1187/MAS/96 Rand Menally & Company. Integrated circuit chip card and the method and system for the manufacture of same. (July 7, 1995; U.S.).
- 1188/MAS/96 Novo Nordisk A/S. Process for producing useful proteins. (July 7, 1995; Denmark).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patent Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की

सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तराष्ट्रीय वर्गीकरण के अनुरूप हैं।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकल्पन किया जा सकता है।

Ind. Cl. : 128 A

177471

Int. Cl.⁴ : A61F 13/00, 13/18.

A METHOD OF OBTAINING AN ABSORBENT MATERIAL.

Applicant : MCNEIL-PPC, INC., OF VAN LIEW AVENUE, MILLTOWN, NJ 08850, UNITED STATES OF AMERICA, A NEW JERSEY CORPORATION, UNITED STATES OF AMERICA.

Inventor : MARCIA LEANDRO KOTSEVITIS.

Application No. 592/CAL/91 filed August 6, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A method of obtaining an absorbent material of granulated maize stem having granulometry of at least 10 mesh wherein the maize stem is subjected to a fragmentation processing such as herein described.

(Com. 19 pages;

Drgns. 2 sheets.)

Ind. Cl. : 172F

177472

Int. Cl.⁴ : D02G 3/12, D02G 1/14, D02G 3/28, D02 G 3/32.

METHOD FOR THE MANUFACTURE OF TWO-PLY DRAWN TAPES AND APPARATUS FOR THE SAME.

Applicant : WINDMOLLER & HOLSCHER, OF MUNSTERSTR. 50. 4540 Lengerich, Germany, A GERMAN COMPANY.

Inventor : FRANK BOSSE & KARL-HEINZ LAGE.

Application No. 195/CAL/1992 filed March 23, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

Method for the manufacture of two-ply drawn tapes made of a thermoplastic synthetic material in which, before being wound up on the spool provided for further processing, the

Drgns. 4 sheets.)

177473

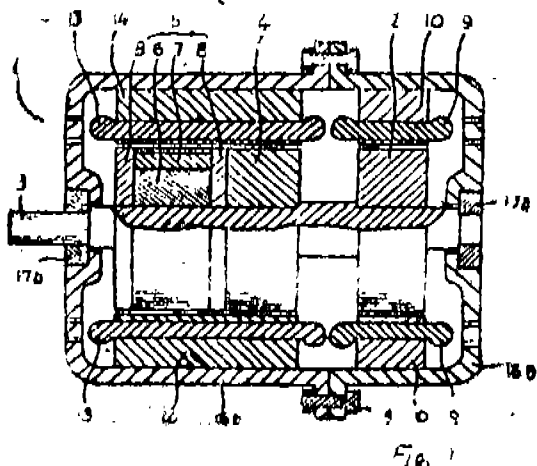
177474

4 Claims

a phase - changing means (21) which is associated with either one of said first and second stators (10, 14) and which sets a phase difference between said first rotating magnetic field produced by said first stator and said second rotating magnetic field produced by said second stator at first

alkenyl = a monofunctional, linear or branched unsaturated C₂₋₃₀
and preferably C₂₋₁₀ hydrocarbon radical.

phase difference for the synchronous operation, said second phase difference being different from said first phase difference by 180 degrees.



(Com. Specn. 21 pages;

Drwgs. 3 sheets.)

Ind. Cl. : 194 (C-1)

177475

Int. Cl.⁴ : H01 J 29/88.

METHOD FOR MANUFACTURING A SCREEN FOR A CATHODE RAY TUBE.

Applicant : SAMSUNG ELECTRON DEVICES CO. LTD. A KOREAN CORPORATION OF 575 SHIN-RI, TAEAN-EUB, HWASEONG-GUN KYUNGGI-DO REPUBLIC OF KOREA.

Inventor : YEONG-DAE KIM.

Application No. 394/CAL/92 filed June 2nd, 92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

4 Claims

A method for manufacturing a screen for a cathode ray tube comprising the steps of :—

- forming a black matrix layer on the surface of it panel by methods known per se;
- coating a precoat solution such as herein described containing polyvinyl alcohol on the surface of the black matrix layer;
- coating a phosphor slurry such as herein described containing a phosphor selected from the group consisting of red, green and blue phosphors, over said coating of step (b) on the surface of the panel, said precoat solution increasing the adhesion of said phosphor slurry, and drying the slurry; and
- dipping a part of the thus-obtained panel into a 0.1—20% alkaline solution selected from the group consisting of alkaline solutions of sodium hydroxide, potassium hydroxide, ammonium hydroxide, sodium carbonate, potassium carbonate, sodium bicarbonate, potassium bicarbonate and ammonium carbonate, and then rapidly rotating the panel for the gelation of the phosphor slurry.

(Comp. Specn. 11 pages;

Drgs.

2 sheets.)

Ind. Cl. : 69

I

177476

Int. Cl.⁴ : H 01 H 09/22.

"CIRCUIT BREAKER-ROTARY HANDLE OPERATOR COMBINATION".

Applicant : EATON CORPORATION, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114. UNITED STATES OF AMERICA.

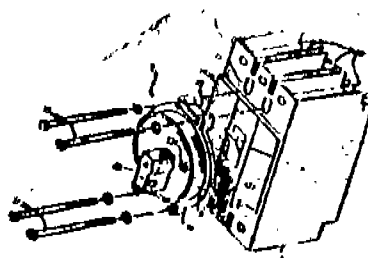
Inventors : (1) KURT ALBERT GRUNERT
(2) RONALD JAMES PRICE
(3) RONALD ANDREW CHESKI &
(4) RONALD DALE SMIDDLE.

Application No. 451/CAL/92 filed June 25, 92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

12 Claims

1. A circuit breaker (1) comprising a linearly movable operating handle (3) and a rotary hand operator (7, 7') comprising a housing (9, 9') mounted on said circuit breaker, a slide member (47) engaging said operating handle and mounted in said housing for reciprocal movement with said handle along a linear path, a rotating member (57) mounted in said housing for rotational movement connecting means (55 & 59) connecting said rotating member to said slide so that movement of one of said members produces a corresponding movement of the other member, and a rotating handle (73, 73') connected to said rotating member and rotatable therewith whereby movement of one handle produces a corresponding movement of the other handle.



(Comp. Specn. 14 pages;

Drwgs. 7 sheets)

Ind. Cl. : 120 Cl

177477

Int. Cl.⁴ : F 02 G 01/04, F 25B 09/00.

AN IMPROVED FLUID BEARING APPARATUS FOR A RECIPROCATING BODY.

Applicant : SUNPOWER, INC, A CORPORATION OF OHIO, UNITED STATES OF AMERICA, HAVING A PLACE OF BUSINESS AT 6, BYARD STREET, ATHENS. OHIO 45701 UNITED STATES OF AMERICA.

Inventors : (1) REUVEN UNGER
(2) RAN YARON &
(3) WILLIAM T. BEALE.

Application No. 454/CAL/92 filed June 25, 92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

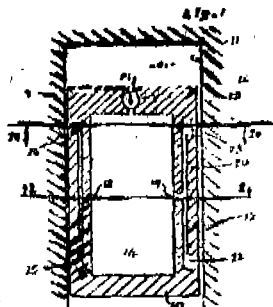
9 Claims

An improved fluid bearing apparatus for a reciprocation body (10) having an outer wall (9) and slidably mounted to reciprocate along an axis within a mating interior wall (11) of a housing body (12) the apparatus also having a cyclical time varying fluid pressure acting upon the reciprocating body, an interfacing clearance gap between said walls of the two bodies having resistance to the flow of fluid through the clearance gap a flow restrictor passageway communicating at one end into the interfacing clearance gap (13) and

having a resistance to the flow of fluid through it, and means for effecting the flow of a lubricating fluid stream through said flow restrictor passageway (20) and said interfacing clearance gap (13) wherein the improvement comprises :

said means comprising atleast a single accumulator chamber (14) which is connected through a passage, a one-way valve (16) between said time varying fluid pressure and the other end of said flow restrictor or passageway (20); and

said flow restrictor passageway (20) having a resistance to fluid flow within the range extending from substantially the minimum resistance to fluid flow of said stream through the clearance gap (13) to substantially the maximum resistance to fluid flow of said stream through the clearance gap, wherein a cavity is formed at the end of each flow restrictor passageway (20) which communicates into the clearance gap (13) .



(Com. 31 pages;

Drgs. 3 sheets.)

Ind. Cl. : 195 D

177478

Int. Cl.⁴ : F 15 B 11/05 and E 02 F 9/22.

"VALVE APPARATUS",

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD., A CORPORATION ORGANIZED UNDER THE LAWS OF JAPAN, OF 6-2, OHTEMACHI 2-CHOME, CHIYODAKU, TOKYO, JAPAN.

Inventor : (1) KINYA TAKAHASHI
(2) YUSAKU NOZAWA &
(3) KAZUYUKI INO.

Application No. 89/CAL/93 filed February 15, 93-

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

4 Claims

A valve apparatus (14) used in a hydraulic drive system for construction machines, comprising a hydraulic pump (1) of variable displacement type, at least one first hydraulic actuator (4, 6, 8) driven by a hydraulic fluid delivered from said hydraulic pump, a first directional control valve (3, 5, 7) of closed center type for controlling a flow of the hydraulic fluid supplied from said hydraulic pump to said first hydraulic actuator, transmission means (10) for introducing a load pressure of said first hydraulic actuator therethrough, a regulator (9) for controlling a displacement volume of said hydraulic pump based on the load pressure introduced through said transmission means to perform load sensing control, an optional second hydraulic actuator (13) driven by the hydraulic fluid delivered from said hydraulic pump, and a second directional control valve (12) of open center type for controlling a flow of the hydraulic fluid supplied from said hydraulic pump to said second hydraulic actuator, wherein said valve apparatus comprises :

(a) an inlet chamber (31) connected to said hydraulic pump (1) and an outlet chamber (33) connected to said second directional control valve (12) of open center type;

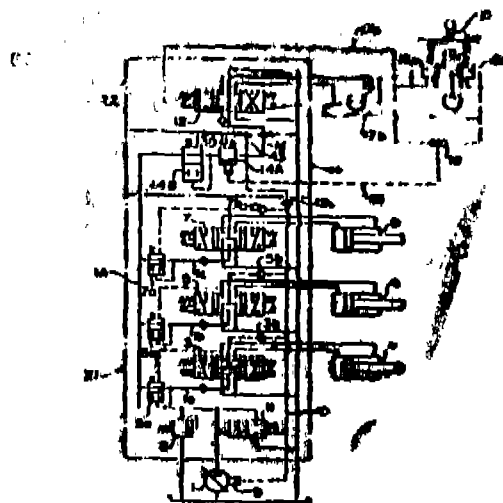
(b) flow control valve means (14A) including a spool (37) having an opening (37a) disposed between said inlet chamber

and said outlet chamber, air extent of the opening being changed when said spool is displaced, and manually operable adjuster means (39) adapted to about against said spool for setting the extent of said opening;

(c) pressure compensating valve means (14B) for holding a differential pressure across said extent of the opening (37a) constant;

(d) spring means (43) disposed in said flow control valve means (14a) for urging said spool (37) in a direction to close said opening (37a); and

(e) operating pressure introducing means (44) to which no operating pressure is introduced for displacing said spool (37) against said spring (43) in a direction to open said opening until said spool (37) comes into abutment against said adjuster means (39).



(Com. 34 pages;

Drgs. 4 sheets.)

Ind. Cl. :

172C

177479

Int. Cl.⁴ : D 01 G 15/02.

"MODIFIED JUTE FINISHER CARD MACHINE".

Applicant : INDIAN JUTE INDUSTRIES RESEARCH ASSOCIATION, 17, TARATOLLA ROAD, CALCUTTA 700 098, WEST BENGAL, INDIA, AN INDIAN RESEARCH ASSOCIATION.

Inventors : (1) MR. RANJAN KUMAR MUKHERJEE
(2) MR. UTPAL KUMAR BANDYOPADHYAY &
(3) DR. DEBANJAN SUR.

Application No. 469/CAL/93 filed August 16, 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

4 Claims

A modified jute finisher card machine to achieve increased productivity of four times, comprising :

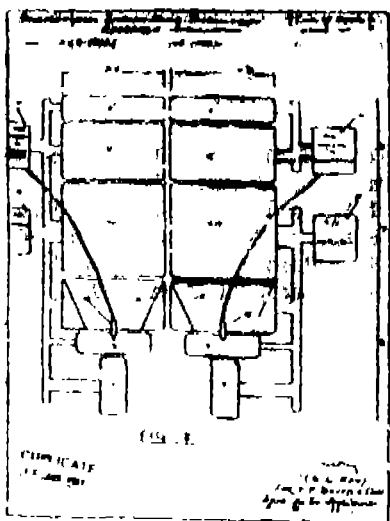
(a) two smaller row of machines (P & Q) each being half of the existing machine in width, obtained by dividing the existing machine into two parts along its centre line in a vertical plane perpendicular in respect to front side of the machine;

(b) extended shafts and arbours of all rollers and

with a supporting fabricated side wall of the machine body;

- (c) for running of the carding mechanism and delivery mechanism of each bifurcated unit (P & Q), one single A/c. motor (8, 8) of double the speed than that of existing type.
- (d) for running of the feed mechanism of two bifurcated units (P and Q) two D/C motors (11, 11').
- (e) small Conductor, a pair of delivery pressing roller, of existing type and a roll former also of existing type in the delivery zone,
- (f) an automatic sliver grist controller in the modified, iced system along with the sensor in the delivery roller of each bifurcated unit for controlling the weight variation of outcoming material to the desired level;

thereby two new carding machines of smaller width but of higher production capacity being thus obtained from one single existing old machine.



((Din. 12 pages;

Drgas 6 sheets.)

Ind.Cl. : 32 A,

177480

Int Cl. ⁴ : C09B 35/021, 35/037.

"A PROCESS FOR THE PREPARATION OF DISAZO PIGMENTS".

Applicant : HOECHST AKTIENGESELLSCHAFT, OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY, CHEMICAL MANUFACTURERS, A CORPORATION ORGANIZED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY.

Inventor : WOLFGANGRIEPER.

Application No. 499/CAL/94 filed June 27, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

9 Claims

A process for the preparation of a disazo pigment of the formula (II)



II

in which m is 1 or 2, K¹ and K² are each the radical of a CH-azo coupling component H-K¹ or H-K² from the acetoacetic acid arylamide or naphthol series such as heroin described or of a heterocyclic structure and K¹ and K² are identical or different which contains not more than 25 g of polychlorinated biphenyls (PCBs) per gram of pigment, by the step of azo coupling in an aqueous medium in the presence of a tetrazo compound such as chlorinated diamino biphenyls in a known manner which comprises carrying out the coupling reaction in the presence of olefins such as herein described of limited or unlimited water-solubility of the formula III.



in which
R is a hydrogen atom or a C₁-C₆-alkyl or C₁-C₆-alkoxy group and
X is a radical of the formula -COOR¹, -CONHR¹ or -NH¹-CONR¹ or
if R is not alkoxy - is also the radical -CH₂- in which R¹ is hydrogen, C₁-C₆-alkyl or C₁-C₆-alkyl which is substituted by 1 or more radicals from the group comprising hydroxyl, C₁-C₆-alkoxy, amino, N-(C₁-C₆)-alkylamino and N,N-di-(C₁-C₆)-alkylamino.
R² is hydrogen, C₁-C₆-alkyl or C₁-C₆-alkyl which is substituted by 1 or more radicals from the group comprising hydroxyl, C₁-C₆-alkoxy, amino, N-(C₁-C₆)-alkylamino, N,N-di-(C₁-C₆)-alkylamino, sulfo, carboxyl, C₁-C₆-alkoxycarbonyl and saturated or unsaturated N-(C₁-C₆)-alkenylamino as well as corresponding N-(C₁-C₆)-alkenyl-N-(C₁-C₆)-alkyl-amino. R³ is hydrogen or C₁-C₆-alkyl and R⁴ is C₁-C₆-alkyl, wherein said olefin is between 0.1 and 10% by weight on the amount of pigment formed in the reaction.

W(Com. + 20 Pages: Drawings + 39)

OPPOSITION PROCEEDING

An opposition has been entered by Mr. Viswanath Dattatreya Hukerikar, Mumbai-400025 to the grant of Patent No. 176388 (52/BOM/1993) made by Hansu Controls Limited Mumbai-400 086.

RENEWAL FEES PAID

157232 159012 159315 159685 160115 160273 160336 160964
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172339 172365 172505 172560 173046 172095 173245 173246
173274 173275 173285 173286 173287 173381 173410 173421
173433 173434 173451 173541 173632 173676 173914 173916
173985 174224 174411 174541 174583 174605 174606 174702
174731 174794 174829 174923 174945 175021 175022 175105
175106 175161 175495 175627 175631 175691 175692 175698
175928 175949 175997 176182 176184 176185 176193 176199
176200 176203 176205 176212 176214 176215 176216 176218
176220 176221 176222

PATENT SEALED ON 27-12-1996

172299 176250 176521 176524 176525 176526 176530 176531
176536* 176538 176539 176542 176544 176545 176546
176547 176549*

CAL-01, DFL-16, MUM-NIL, CHEN-NIL.

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents,

F—Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not except for the inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. Nos. 171206 & 171207, M/s. Deccan Structural Systems Pvt. Ltd., an Indian Company at No. 42, 5th Mile, Tumkur Road, Yeswantpur, Bangalore-560022. Karnataka State, India, "METAL PRO-FILE" 26th April 1996.

Class 3. Nos. 171946 & 171948, J. L. Morison (India) Ltd., of 9th Mile, Tumkur Road, Bangalore-560073. Karnataka State, India, Indian Company of the above address, "TOOTHBRUSH". 6th August 1996.

Class 3. 170935, Dallire Industries Ltd., a Canadian corporation of 8650 Boul De La Rive-Sud, Levis, Quebec, Canada G6V 6NB, "HORIZONTAL & VERTICAL WINDOW FRAME EXTRUSION", 21st March 1996.

Class 3. No. 170933, Dallire Industries Ltd., a Canadian corporation of 8650 Boul, De La Rive-Sud, Levis, Quebec, Canada G6V 6NB, "PATIO DOOR SASH EXTRUSION", 21st March 1996.

Class 3. Nos. 169264 & 169265, Vetal Controls Pvt. Ltd., of Plot No. 21, Industrial Estate for Electrical and Electronics, Civil Aerodrome (Post), Coimbatore 641014, Tamilnadu, India, an Indian Company. "ROVO STOP". 5th June 1995

Class 10. Nos. 171439 to 171442, Kripal Agency, a partnership firm of address Hing Ki Mandi, Agra 3. India, "THE SOLE OF FOOTWEAR", 5th June 1996.

Class 12. Nos. 169790 to 169793. Kamal Industries, Unit No. 2, 151, Industrial Area, Bikaner (Rajasthan), India, an Indian partnership firm, "PAPAD". 4th September 1995.

Class 12. Nos. 170146 to 170149, Taurus Merchandising Private Ltd., an Indian Company, of E 15 South Extension Part II, New Delhi-110 049, India, "QUILT/BEDSPREAD", 9th November 1995.

Class 12. Nos. 169636 & 169637, Brooke Bond Lipton India Ltd., incorporated under the Indian Companies Act, 1913, registered office of which is at Brooke House, 9 Shekespeare Sarani, Calcutta 700071. West Bengal, India. "FROZEN CONFECTION". 7th August 1995.

Class 12. Nos. 169667, Broke Bond Lipton India Limited, incorporated under the Indian Companies Act. 1913, registered office of which is at Brooke House, 9 Shekespeare Sarani, Calcutta-700071, West Bengal, India, "Frozen Confection such as Ice Cream", 9th August 1995.

T. R. SUBRAMANIAN.
Controller General of Patents
Designs & Trade Marks

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